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Director & State Health Officer

State of California—Health and Human Services Agency
California Department of Public Health

DRINKING WATER FIELD OPERATIONS BRANCH

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EDMUND G. BROWN JR.
Governor

November 25, 2013

Water System No. 2300831

Michael and Kim Jaeger
Hidden Pines Campground
18701 North Highway 1
Fort Bragg, CA 95437

CITATION NO. 02-03-13C-019-2300831-04

NITRATE MONITORING AND REPORTING VIOLATION 3rd and 4th Quarter 2013

Enclosed is a citation issued to Hidden Pines Campground water system (System).

The System will be billed at the Department's hourly rate (currently estimated at \$126.00) for the time spent on issuing this citation since this is an enforcement action for noncompliance with state regulations. You will receive a bill sent from our Fee Billing Unit in Sacramento by February 1, 2014. This bill will contain fees for any enforcement time spent on the System.

If you have any questions regarding this matter, please contact Amy Little of my staff at (707) 576-2147.

Sincerely,

Michelle F. Frederick, P.E.
Mendocino District Engineer
Drinking Water Field Operations Branch

Enclosures:

Citation No. 02-03-13C-019-2300831-04

Attachment A: Proof of Notification Attachment B: Instructions for Notification
Source Chemical Monitoring Schedule

c: Mendocino County Environmental Health
 North Coast Regional Water Quality Control Board

Donna Feiner, Operator

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

IN RE: HIDDEN PINES CAMPGROUND
Water System No. 2300831

TO: Michael and Kim Jaeger
Hidden Pines Campground
18701 North Highway 1
Fort Bragg, CA 95437

Date Issued: November 25, 2013

CITATION FOR VIOLATION OF
TITLE 22, CALIFORNIA CODE OF REGULATIONS SECTION 64432.1

Chapter 4, Article 9, Section 116650 of Part 12 of Division 104 of the California Health and Safety Code (CHSC), authorizes the issuance of a citation for failure to comply with a requirement of Chapter 4 (California Safe Drinking Water Act), or any regulation, standard, permit or order issued thereunder.



1 The Division of Drinking Water and Environmental Management of the State of
2 California Department of Public Health (Department) hereby issues a citation to
3 Hidden Pines Campground (System) for failure to comply with Title 22, California
4 Code of Regulations, Section 64432.1.
5

6 7 **APPLICABLE AUTHORITIES**

8 Section 116650 of the CHSC states in relevant part:
9

10 (a) If the department determines that a public water system is in violation of
11 this chapter or any regulation, permit, standard, citation, or order issued or
12 adopted thereunder, the department may issue a citation to the public water
13 system. The citation shall be served upon the public water system
14 personally or by certified mail. Service shall be deemed effective as of the
15 date of personal service or the date of receipt of the certified mail. If a
16 person to whom a citation is directed refuses to accept delivery of the
17 certified mail, the date of service shall be deemed to be the date of mailing.

18 (b) Each citation shall be in writing and shall describe the nature of the
19 violation or violations, including a reference to the statutory provision,
20 standard, order, citation, permit, or regulation alleged to have been violated.
21

22 (c) A citation may specify a date for elimination or correction of the condition
23 constituting the violation.

24 (d) A citation may include the assessment of a penalty as specified in
25 subdivision (e).
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1 (e) The department may assess a penalty in an amount not to exceed one
2 thousand dollars (\$1,000) per day for each day that a violation occurred, and
3 for each day that a violation continues to occur. A separate penalty may be
4 assessed for each violation.

5
6 California Code of Regulations, Title 22, section 64432.1 states in relevant part:

7
8 The water supplier shall require the laboratory to notify the supplier within 24
9 hours whenever the level of nitrate in a single sample exceeds the MCL, and
10 shall ensure that a contact person is available to receive such analytical
11 results 24-hours a day. The water supplier shall also require the laboratory
12 to immediately notify the Department of any acute nitrate MCL exceedance if
13 the laboratory cannot make direct contact with the designated contact person
14 with 24 hours. Within 24 hours of notification, the water supplier shall:

15 (A) Collect another sample, and

16
17 (B) Analyze the new sample; if the average of the two nitrate sample
18 results exceeds the MCL (maximum contaminant level), report the result to
19 the Department within 24 hours. If the average does not exceed the MCL,
20 inform the Department of the results within seven days from the receipt of
21 the original analysis.

22 (C) If a system is unable to resample within 24 hours, it shall notify the
23 consumers by issuing a Tier 1 Public Notice pursuant to Section 64463.1
24 and shall collect and analyze a confirmation sample within two weeks of
25 notification of the result of the first sample.
26
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STATEMENT OF FACTS

Hidden Pines Campground is a transient-noncommunity water system serving an estimated population of 100 campers through 31 active connections.

The source of supply for the System includes four wells designated as Well 01 (Source Number 2300831-001), Well 02 (Source Number 2300831-002), Well 04 (Source Number 2300831-007), and Well 05 (Source Number 2300831-006). Based on production information from August, September, and October 2013, Well 02 (up to 91%) is the largest producing source followed by Well 05 (up to 51%). Wells 01 and 04 provide limited production capacity.

Nitrate concentrations in milligrams per liter (mg/L) for the last three years for each source and a distribution site, are shown in the following tables:

Well 01

Date of Sample	Result (mg/L)
April 27, 2011	41.0
May 16, 2012	1.4
May 23, 2013	2.3

Well 02

Date of Sample	Result (mg/L)
May 18, 2013	<1.0
August 16, 2012	18.0
September 25, 2013	47.0
November 7, 2013	<2.0



Well 04

Date of Sample	Result (mg/L)
August 16, 2012	<1.0
August 30, 2013	<1.0

Well 05

Date of Sample	Result (mg/L)
April 30, 2011	11.0
April 26, 2012	<1.0
May 23, 2013	45.0
October 16, 2013	47.0
November 7, 2013	46.0

At a distribution site located near the pool:

Date of Sample	Result (mg/L)
July 8, 2013	10.0
October 30, 2013	13.0

On October 22, 2013, the Department was notified that the September 25, 2013 Well 02 nitrate sample was above the maximum contaminant level. The laboratory was not instructed to inform the System within 24-hours if a single sample exceeded the nitrate MCL. A sample collected on November 7, 2013 from Well 05 exceeded the maximum contaminant level. This sample exceedance was verbally reported to the Department on November 19, 2013. On November 19, 2013, the Department issued a Do Not Drink advisory until a confirmation sample from Well 02 could be performed. The Do Not Drink advisory was lifted on November 22, 2013. The Do Not Drink advisory was lifted when Well 02 preliminary laboratory data from a sample collected on November 21, 2013 confirmed that Well 02 did not contain elevated levels of nitrate and Well 05 was taken out of production. The water system has insufficient long-term source capacity without Well 05.



1 The Department performed an inspection of the water system on October 31, 2013.
2 The results of the inspection are documented in a separate letter to the System
3 dated November 25, 2013.
4

5 DETERMINATIONS

6
7 Based on the above-described Statement of Facts, the Department determines that
8 the System has violated the following:
9

10 California Code of Regulations, Title 22 Section 64432.1:

11 Specifically, the Laboratory was not directed to contact the System within 24-hours
12 of a single sample exceeding the nitrate maximum contaminant level. The System
13 failed to collect another nitrate sample within 24 hours or notify its customers within
14 a 24-hour period of the nitrate sample exceedance.
15

16 DIRECTIVES

17
18 The Hidden Pines Campground is hereby directed to take the following actions:
19

20 **Directive 1.** Comply with California Code of Regulations Section 64432.1 in
21 all future monitoring periods.
22

23 **Directive 2.** Effective immediately, the System shall collect quarterly
24 samples from Well 01, Well 02, Well 05 (if in production), and monthly at the
25 entrance to the distribution system (Lab code 2300831-004) for nitrate
26 analysis. Provided the results are below the maximum contaminant level,
27 the analytical results shall be reported to the Department no later than the



1 10th day following the month in which the samples were analyzed. If the
2 results of any single sample are above the maximum contaminant level, the
3 System shall be notified by the Laboratory within 24-hours and collect repeat
4 samples or Tier 1 Public Notification (Attachment A) within 24-hours, in
5 accordance with Section 64432.1. The Department shall be notified
6 immediately following the exceedance of any single nitrate sample over the
7 MCL and prior to Well 05 being put in production.
8

9 **Directive 3.** The System shall provide public notification of its failure to
10 comply with Section 64432.1 in accordance with Section 64463.4 by
11 **December 25, 2013.** Attachment B provides approved language for the
12 public notification; please contact the Department if you wish to deviate from
13 this language. The System shall return the Proof of Notification form
14 (Attachment C) to this Department by **January 4, 2014.**
15

16 **Directive 4. By February 15, 2014,** the System shall submit to the
17 Department for review and approval, a plan and compliance schedule for
18 improvements to the water system to *reliably* ensure that the nitrate levels in
19 the distribution system do not exceed the maximum contaminant level.
20

21 **Directive 5. By November 25, 2014,** the System shall complete all the
22 improvements in the proposed project submitted pursuant to Directive 4
23 above in accordance with the compliance schedule to be reviewed and
24 approved by the Department.
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1 All documents required by this Citation shall be submitted to the Department at the
2 following address:

3 Michelle Floyd Frederick, P.E., District Engineer
4 Department of Public Health
5 Drinking Water Field Operations Branch
6 50 D Street, Suite 200
7 Santa Rosa, CA 95404

8 The Department reserves the right to make such modifications to this Citation, as it
9 may deem necessary to protect public health and safety. Such modifications may
10 be issued as amendments to this Citation and shall be effective upon issuance.

11 **PARTIES BOUND**

12 This citation shall apply to and be binding upon the System, its officers, directors,
13 agents, employees, contractors, successors and assignees.

14 **SEVERABILITY**

15 The directives of this citation are severable, and the System shall comply with each
16 and every provision thereof notwithstanding the effectiveness of any provision.
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FURTHER ENFORCEMENT ACTION

Division 104, Part 12, Chapter 4, (commencing with section 116270) of the California Health and Safety Code authorizes the Department to: issue additional citations with assessment of penalties if a public water system continues to fail to correct a violation identified in a citation; take action to suspend or revoke a permit that has been issued to a public water system if the system has violated applicable law or regulations or has failed to comply with orders of the department; and petition the superior court to take various enforcement measures against a public water system that has failed to comply with orders of the department. By issuance of this Citation, the Department does not waive any right to take additional or alternative enforcement action against the System including, but not limited to, assessment of additional penalties as authorized by law.

Failure to comply with any provision or directive of this Citation, including payment of assessed penalty, may result in the Department imposing additional penalties.

Janice M Thomas for
Michelle Floyd Frederick, P.E.
District Engineer
Mendocino District
Drinking Water Field Operations Branch

November 25, 2013
Date

CERTIFIED MAIL # 7012 2210000216736147

Attachments:

- Attachment A: Public Notification for MCL nitrate violation
- Attachment B: Public Notification for M&R violation
- Attachment C: Proof of Notification Form



2300831/Compliance
02-03-13C-019-2300831-04.docx/AJL



ATTACHMENT C
PROOF OF NOTIFICATION

Name of Water System: **Hidden Pines Campground**

System Number: **2300831**

Certification

As required by Section 64463.4 of the California Code of Regulations, I notified the users of the water supplied by Hidden Pines Campground of the monitoring and reporting violation of Section 64431 of the California Code of Regulations for the compliance period of the 3rd Quarter 2013 and 4rd Quarter 2013. I complied with the directives of this citation as indicated below:

Required Action	Date Completed
Public Notification – Posting in Public Places Served by the Water System	<div style="border: 1px solid black; height: 50px; width: 100%;"></div>
<div style="border-top: 1px solid black; height: 20px; width: 100%;"></div> Signature of Water System Representative	<div style="border-top: 1px solid black; height: 20px; width: 100%;"></div> Date

Attach a copy of the public posting.

**THIS FORM MUST BE COMPLETED AND RETURNED TO THE DEPARTMENT BY
JANUARY 4, 2014.**



ATTACHMENT A

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.

Tradúzcalo o hable con alguien que lo entienda bien.

DRINKING WATER WARNING

Hidden Pines Campground Has High Levels of Nitrate
DO NOT GIVE THE WATER TO
INFANTS UNDER 6 MONTHS OLD OR PREGNANT WOMEN
OR USE IT TO MAKE INFANT FORMULA

Water sample results collected in [insert time period] showed nitrate levels of [insert concentration] milligrams per liter. This is above the nitrate standard, or maximum contaminant level (MCL), of 45 milligrams per liter. Nitrate in drinking water is a serious health concern for infants less than six months old.

What should I do?

- **DO NOT GIVE THE WATER TO INFANTS.** *Infants below the age of six months who drink water containing nitrate in excess of the MCL may quickly become seriously ill and, if untreated, may die because high nitrate levels can interfere with the capacity of the infant's blood to carry oxygen. Symptoms include shortness of breath and blueness of the skin. Symptoms in infants can develop rapidly, with health deteriorating over a period of days. If symptoms occur, seek medical attention immediately.*
- **PREGNANT WOMEN SHOULD NOT CONSUME THE WATER.** *High nitrate levels may also affect the oxygen-carrying ability of the blood of pregnant women.*
 - Water, juice, and formula for children under six months of age should not be prepared with tap water. Bottled water or other water low in nitrates should be used for infants until further notice.
 - **DO NOT BOIL THE WATER.** Boiling, freezing, filtering, or letting water stand does not reduce the nitrate level. Excessive boiling can make the nitrates more concentrated, because nitrates remain behind when the water evaporates.
 - If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

What happened? What is being done?

Nitrate in drinking water can come from natural, industrial, or agricultural sources (including septic systems, storm water run-off, and fertilizers). Levels of nitrate in drinking water can vary throughout the year. We will let you know if the amount of nitrate is again below the limit.

It appears the nitrate concentrations in our sources fluctuate. We are working with the Department to develop a plan to ensure we can reliably provide a safe supply of water before December 31, 2014.

For more information, please contact Michael or Kim Jaeger at 707-961-5451 or 18701 North Highway 1, Fort Bragg, CA 95437.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by Hidden Pines Campground.

State Water System ID#: 2300831. Date distributed: _____.

ATTACHMENT B

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.
Tradúzcalo o hable con alguien que lo entienda bien.

Hidden Pines Campground Failed to Complete Confirmation Nitrate Monitoring within 24-hours

Our water system failed to perform repeat testing of the drinking water for nitrate within a 24-hour time period, as required, to confirm two sources exceeded the nitrate maximum contaminant level of 45 milligrams per liter (mg/L). Although this is not an emergency, as our customers, you have a right to know what happened, what you should do, and what we did to correct the situation. Please share this information with other people who drink this water, especially those who may not have received this notice directly. You can do this by posting this notice in a public place or giving out copies by hand or mail.

What should I do?

You do not need to boil the water or take any corrective actions. This is not an emergency. If you have health concerns, you may wish to consult your doctor. General guidelines on ways to lessen the risk of illness from drinking water are available from EPA's Safe Drinking Water Hotline at (800) 426-4791.

What happened? What is being done?

We are required by state regulations to monitor our drinking water for specific contaminants on a regular basis. If nitrate exceeds 45 milligrams per liter at any source, we are required to ensure that the laboratory contacts us within 24-hours and then we are required to resample to confirm these results within 24 hours of being notified by the laboratory. During September 2013 and November 2013, we did not receive immediate notification from our laboratory and therefore did not perform repeat sampling within 24 hours.

What does this mean?

Infants below the age of six months who drink water containing nitrate in excess of the maximum level allowed by the regulations may quickly become seriously ill and, if untreated, may die because high nitrate levels can interfere with the capacity of the infant's blood to carry oxygen. Symptoms include shortness of breath and blueness of the skin. High nitrate levels may also affect the oxygen-carrying ability of the blood of pregnant women. If the drinking water standards for nitrate are met, the water served can be considered safe.

Our failure to perform immediate repeat testing of our drinking water for nitrate during September 2013 and November 2013 was a violation of Section 64432.1, Title 22 of the California Code of Regulations (CCR).

What corrective actions have been taken?

It appears the nitrate concentrations in our sources fluctuate. We are no longer using the well with sustained high nitrate levels. We are also now monitoring our other wells quarterly and our distribution system monthly to verify that our water is safe. We are also working with the Department to develop a plan to ensure we can reliably provide a safe supply of water.

For more information, please contact Michael or Kim Jaeger at 707-961-5451 or 18701 North Highway 1, Fort Bragg, CA 95437.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by Hidden Pines Campground in collaboration with the California Department of Public Health-Drinking Water Program, Mendocino District Office.

State Water System ID#: 2300831. Date distributed: _____.